



**Resource and Patient Management System  
(RPMS)**

**RPMS/JVN PACS GIS Interface Patch 3**

**Patch 3 Release Notes and Installation  
Notes**

**GIS Version 3.01**  
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## **PREFACE**

This document describes how to install the RPMS/JVN PACS GIS Interface included in the GIS Version 3.01, Patch 1 release and specific configuration needed prior to using the interface. The document will also describe the new functionality that the RPMS system gains with the RPMS/JVN PACS GIS Interface.

# TABLE OF CONTENTS

<b>1.0</b>	<b>INTRODUCTION .....</b>	<b>3</b>
1.1	Overview .....	3
1.2	New Functionality .....	3
1.2.1	RPMS Scheduling Package .....	3
1.2.2	Non-RPMS Scheduling .....	3
1.3	Skills Required to Install the RPMS/JVN PACS GIS Interface .....	4
<b>2.0</b>	<b>INSTALLATION NOTES .....</b>	<b>5</b>
2.1	Namespace .....	5
2.2	Package Dependencies .....	5
2.3	Contents of Distribution .....	6
2.4	Required RPMS Resources .....	6
2.5	File Range .....	6
2.6	Global Placement/Description .....	6
2.7	Required Joslin Resources .....	6
<b>3.0</b>	<b>PRE-INSTALLATION REQUIREMENTS .....</b>	<b>7</b>
3.1	Overview .....	7
3.2	RPMS Modules .....	7
<b>4.0</b>	<b>INSTALLATION .....</b>	<b>8</b>
4.1	Kill ^INXPORT Global .....	8
4.2	Global Restore from file gis_0301.03g .....	8
4.3	Access the Kernel Installation and Distribution System (KIDS) .....	8
4.4	Load a Distribution .....	9
4.5	Verify Checksums in Transport Global .....	10
4.6	Print Transport Global .....	11
4.7	Install Package .....	12
<b>5.0</b>	<b>POST-INSTALLATION .....</b>	<b>15</b>
5.1	Verify Transaction Types .....	15
5.2	Verify Background Processes .....	16
5.3	Verify Interface Destination Definitions .....	17
5.4	Start Up Background Processes .....	18
5.4.1	Start the Format Controller .....	19
5.4.2	Start the Output Controller .....	19
5.4.3	Start the JVN PACS Transmitter .....	20
5.5	Create Retinal Imaging-JVN Clinic .....	20
5.6	Attach the New BHL JVN Option to User's Menus .....	23
5.7	Schedule BHL JVN NIGHT JOB In TaskMan .....	24
<b>6.0</b>	<b>POST-RELEASE MANUAL REVISIONS .....</b>	<b>25</b>
<b>7.0</b>	<b>CONTACT INFORMATION .....</b>	<b>26</b>

## **1.0 INTRODUCTION**

### **1.1 Overview**

The RPMS/JVN PACS Interface makes it possible to electronically transmit RPMS patient demographic and clinic appointment information to the Joslin Vision Network (JVN). This information is then merged with the scanned image taken during the screening process to deliver a more comprehensive packet to the Joslin Network for review.

### **1.2 New Functionality**

This new software is used in conjunction with the JVN Imaging equipment to transmit each patient's demographic and appointment information to the JVN system. Two new menu options will be available after installation of the RPMS/JVN PACS GIS Interface. There are two methods, based on the configuration of your RPMS system, to use these options.

#### **1.2.1 RPMS Scheduling Package**

If your site has and uses the RPMS Scheduling module, you may use one menu option to enter and send individual patient information manually to the JVN system. This will primarily be used for walk-ins to the Retinal Imaging-JVN clinic. The second menu option will search through the next day's appointments within the RPMS Scheduling Module to find appointments scheduled for the Retinal Imaging-JVN clinic and transmit patient information to the JVN system. This option will be queued to run as a nightly job in TaskMan by your site's Information Resource Manager (IRM) and will not be used manually.

#### **1.2.2 Non-RPMS Scheduling**

If your site does not have or does not use the RPMS Scheduling module, you will use the manual menu option to enter and send individual patient information to the JVN system. This will have to be used for each patient seen by the Retinal Imaging-JVN clinic. For example, the menu option will have to be used to send each patient's information to the JVN database prior to each patient's screening.

## 1.3 Skills Required to Install the RPMS/JVN PACS GIS Interface

The individual who installs this patch must be able to perform the following activities in order to proceed with the install:

- Have the programmer security key
- Have rights to the System Manager Menu option
- Add Menu Options to user's menus
- Schedule jobs in TaskMan
- Be able to backup Mumps routines (%RS)
- Be able to restore Mumps routines (%RR)
- Be able to backup Mumps globals (%GS)
- Be able to restore Mumps globals (%GR)

## 2.0 Installation Notes

PREFIX: GIS

CURRENT VERSION: 3.01

<b>Note:</b> Read entire notes file prior to attempting any installation
--

- Make a copy of this distribution for off-line storage.
- Print all notes/readme files.
- If you received this distribution on tape media please remember to return the tape to the originator.
- It is recommended that the terminal output during the installation be captured using an auxiliary port printer attached to the terminal at which you are performing the software installation. This will insure a printed audit trail should any problems arise.
- Read this manual before starting the install

## 2.1 Namespace

This interface will be appended to the existing GIS modules, including:

IHS Generic Interface System      Namespace: BHL, INH

## 2.2 Package Dependencies

Installation of the following packages must be accomplished for RPMS/JVN PACS GIS Interface to function properly.

- VA Kernel      8.0 or higher
- VA FileMan    21.0 or higher
- GIS Version 3.01 with patch 2

## 2.3 Contents of Distribution

- gis\_0301.03k Contains all routines and files needed for the JVN PACS Interface
- gis\_0301.03g Package export global
- gis\_0301.03n.pdf Installation Notes Version 3.01, Patch 3
- gis\_0301.03o.pdf Version 3.01, Patch 3 User Manual Addendum

## 2.4 Required RPMS Resources

- VA Kernel V8.0 or higher
- VA FileMan V21.0 or higher
- MailMan V 7.1 or higher
- Generic Interface System V3.01 through patch 2
- IHS Scheduling (SD), Version 5.0

## 2.5 File Range

The RPMS/JVN PACS GIS Interface utilizes the same files as the Generic Interface System. The installation of the RPMS/ JVN PACS GIS Interface will append an additional interface into the existing GIS module. This will create a seamless interaction between the RPMS/ JVN PACS GIS Interface and all other interfaces defined at the site in GIS.

GIS (Generic Interface System): 4000-4999.999

## 2.6 Global Placement/Description

The RPMS/ JVN PACS GIS Interface installation will only MERGE new data into existing GIS globals. Please refer to the GIS manuals for further detail.

## 2.7 Required Joslin Resources

Please see your Joslin representative for the minimum hardware and software requirements for their system.

## 3.0 Pre-Installation Requirements

The minimum hardware and software requirements must be met on both the RPMS system and the JVN PACS system prior to the installation of the GIS Interface Version 3.01, Patch 1.

**Note:** If GIS is NOT currently installed on your RPMS system, STOP and install GIS 3.01 before continuing this section.

### 3.1 Overview

After the generic GIS install is completed, install the RPMS/ JVN PACS GIS Interface KIDS. The data dictionaries should already be in the system from the generic GIS install, thus the RPMS/ JVN PACS GIS Interface KIDS will only MERGE the data to the globals and add the protocols to the protocol file.

### 3.2 RPMS Modules

Verify that minimum requirements (section 2.4) have been met.



## 4.0 Installation

Estimated time to install the RPMS/ JVN PACS GIS Interface is less than 5 minutes.  
Expect approximately 30 minutes to complete the post installation.

**Warning:** Do not continue unless the RPMS software is backed up.

Steps to be performed:

1. Kill ^INXPORT Global
2. Global Restore from file gis\_0301.03g
3. Access Kernel Installation & Distribution System (KIDS)
4. Load a Distribution
5. Verify Checksums in Transport Global
6. Print the Transport Global
7. Install Package

### 4.1 Kill ^INXPORT Global

Do K ^INXPORT at the programmer prompt.

### 4.2 Global Restore from file gis\_0301.03g

D ^%GR for file gis\_0301.03g at the programmer prompt.

### 4.3 Access the Kernel Installation and Distribution System (KIDS)

To access the Kernel Installation & Distribution System, select the Systems Management Menu (EVE), select the programmer option (PROG), and select the KIDS option (KIDS) (Figure 4-1).

```
Select OPTION NAME: EVE           Systems Manager Menu
    Core Applications ...
    Device Management ...
    FM  VA FileMan ...
    Manage Mailman ...
    Menu Management ...
    Programmer Options ...
    Operations Management ...
    Spool Management ...
    System Security ...
    Task Manager ...
```

```
Taskman Management ...
User Management ...
Application Utilities ...
Capacity Management ...

Select Systems Manager Menu Option: PROGrammer Options
  KIDS  Kernel Installation & Distribution System ...
  PG    Programmer mode
        Delete Unreferenced Options
        Error Processing ...
        Global Block Count
        List Global
        Routine Tools ...

Select Programmer Options Option: KIDS Kernel Installation & Distribution
System
      Edits and Distribution ...
        Utilities ...
        Installation ...

Select Kernel Installation & Distribution System Option:
```

*Figure 4-1: Accessing KIDS*

## 4.4 Load a Distribution

To load the distribution, select the Installation option (INSTALLATION) from the KIDS menu, Select the Load a Distribution option (1), and type the host file name (Figure 4-2).

```
Select Kernel Installation & Distribution System Option: INstallation

 1      Load a Distribution
 2      Verify Checksums in Transport Global
 3      Print Transport Global
 4      Compare Transport Global to Current System
 5      Backup a Transport Global
 6      Install Package(s)
        Restart Install of Package(s)
        Unload a Distribution

Select Installation Option: 1      Load a Distribution
Enter a Host File: D:\J110NT-SHARE\gis_0301.03k

KIDS Distribution saved on Feb 21, 2002@12:32:44
Comment: GIS JVN Interface

This Distribution contains Transport Globals for the following Package(s):
    GIS JVN Interface 3.01

Want to Continue with Load? YES//Y
Loading Distribution...

    GIS Patch 3, Joslin Vision Network
Use INSTALL NAME: GIS Patch 3, Joslin Vision Network to install this
Distribution.
```

*Figure 4-2: Loading a Distribution*

## 4.5 Verify Checksums in Transport Global

To verify the checksums in the transport global, select the Verify Checksums option (2) on the KIDS menu and type the installation name at the appropriate prompt (Figure 4-3).

```

1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
4      Compare Transport Global to Current System
5      Backup a Transport Global
6      Install Package(s)
      Restart Install of Package(s)
      Unload a Distribution

Select Installation Option: 2 Verify Checksums in Transport Global
Select INSTALL NAME:      GIS*3.01*3          Loaded from Distribution    Loaded f
rom Distribution    2/21/02@12:35:03
      => JVN PACS GIS Interface    ;Created on Feb 21, 2002@12:32:44
DEVICE: HOME//

PACKAGE: GIS JVN Interface 3.01          Feb 21, 2002 12:35 pm
PAGE 1
-----

2 Routine checked, 0 failed.
```

*Figure 4-3: Verifying checksums in the transport global*

## 4.6 Print Transport Global

The transport global may be printed for review prior to actual install of the interface.

To print the transport global, select the Print Transport Global option (3) from the KIDS menu and type the install name at the appropriate prompt. Figure 4-4 illustrates how the global can be printed out from the loaded distribution.

```

1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
4      Compare Transport Global to Current System
5      Backup a Transport Global
6      Install Package(s)
      Restart Install of Package(s)
      Unload a Distribution

Select Installation Option: 3 Print Transport Global
Select INSTALL NAME:      GIS*3.01*3          Loaded from Distribution
Loaded from Distribution    2/21/02@12:35:03
      => JVN PACS GIS Interface for GIS 3.01    ;Created on Feb 21, 2002
DEVICE: HOME//
```

*Figure 4-4: Printing the Transport Global*

Figure 4-5 contains an example of the printed transport global.

```

PACKAGE: GIS Patch 3, Joslin Vision Network Feb 21, 2002 12:35 pm
PAGE 1
-----
TYPE: SINGLE PACKAGE
TRACK NATIONALLY: YES
NATIONAL PACKAGE: GENERIC INTERFACE SYSTEM
DESCRIPTION:
This install will export all BHL JVN PACS GIS related material from the
Mitretek RPMS development system.
      **Must have GIS 3.01 patch 1 already installed**

ENVIRONMENT CHECK :
  PRE-INIT ROUTINE : MPORT^BHLU
  POST-INIT ROUTINE :
  PRE-TRANSPORT RTN :

PACKAGE: GIS JVN Interface 3.01      Feb 21, 2002 12:35 pm      PAGE 2
                                UP    SEND  DATA      USER
                                DATE  SEC.  COMES   SITE   RSLV  OVER
ROUTINE:
  BHLJVN1                      SEND TO SITE
  GISNTEG                      SEND TO SITE

OPTION:
  BHL JVN ENTER/SEND APPT INFO  SEND TO SITE
  BHL JVN NIGHT JOB             SEND TO SITE

PROTOCOL:
  BHL JVN SCHEDULED APPT INFO   SEND TO SITE

```

*Figure 4-5: Sample printout of the transport global*

## 4.7 Install Package

To install the package, select the install packages option (6) at the KIDS menu and type the install name at the appropriate prompt (Figure 4-6).

- 1 Load a Distribution
- 2 Verify Checksums in Transport Global
- 3 Print Transport Global
- 4 Compare Transport Global to Current System
- 5 Backup a Transport Global
- 6 Install Package(s)  
Restart Install of Package(s)  
Unload a Distribution

Select Installation Option: **6** Install Package(s)

Select INSTALL NAME: **GIS\*3.01\*3** Loaded from Distribution

Loaded from Distribution 2/21/02@12:33:45

=> GIS Patch 3, Joslin Vision Network ;Created on Feb 21, 2002

This Distribution was loaded on Feb 21, 2002@12:33:45 with header of  
JVN PACS GIS Interface for GIS 3.01 ;Created on Feb 21, 2002@12:32:44It  
consisted of the following Install(s):  
GIS Patch 3, Joslin Vision Network

GIS Patch 3, Joslin Vision Network

Install Questions for GIS Patch 3, Joslin Vision Network

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//**NO**

Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//[**RET**]

Enter the Device you want to print the Install messages.  
You can queue the install by enter a 'Q' at the device prompt.  
Enter a '^' to abort the install.

DEVICE: HOME//[**RET**]

Install Started for GIS\*3.01\*3 :  
Feb 21, 2002@12:34:20

Installing Routines:  
Feb 21, 2002@12:34:20

Installing Data Dictionaries:  
Feb 21, 2002@12:34:21

Installing Data: .....  
Feb 21, 2002@12:34:23

Installing PACKAGE COMPONENTS:

Installing SORT TEMPLATE

Installing PROTOCOL

Installing OPTION  
Feb 21, 2002@12:34:24

Updating Routine file...

```
Updating KIDS files...

GIS JVN Interface 3.01 Installed.
      Feb 21, 2002@12:34:24

Not a VA primary domain

NO Install Message sent

-----
100%  [-----]
Complete [-----]
```

*Figure 4-6: Installing the package*

## 5.0 POST-INSTALLATION

After the generic GIS and the RPMS/JVN PACS GIS Interface KIDS have been installed, the following manual adjustments must be made to insure proper installation and functioning of the RPMS/ JVN PACS GIS Interface.

### 5.1 Verify Transaction Types

Check the parent and child TRANSACTION TYPES.

- Both must be ACTIVE
- The child must have the Destination field defined as HL IHS JVN PACS
- The child has the parent Transaction Type defined
- The script generated is defined
- The IN/OUT field is set to OUT for this interface

```

Select OPTION NAME: GIS INTERFACE MENU  INH MAIN MENU      GIS Interface Menu

TCM      Transaction Control Menu ...
FTM      File and Table Menu ...
EM       Error Menu ...
BPM      Background Process Control Menu ...
SM       Script Menu ...
SGM      Script Generator Menu ...
IHS      IHS User Menu ...

Select GIS Interface Menu Option: FTM  File and Table Menu

TTE      Transaction Type Enter/Edit
DE       Destination Entry/Edit
BPE      Background Process Entry/Edit
RMD      Replicate message to destinations

Select File and Table Menu Option: TTE  Transaction Type Enter/Edit

Select Transaction Type:  HL IHS JVN PACS 001 OUT CHILD

-----
*** Transaction Type Definition, Screen 1 of 2 ***

Name: HL IHS JVN PACS 001 OUT CHILD
In/Out: OUT                                Active: ACTIVE
Destination: HL IHS JVN PACS
Script: Generated: HL IHS 001 JVN PACS-O
Parent: HL IHS 001 JVN PACS OUT PARENT
Dependency:          Retry Rate:          Max # of attempts:
Acknowledge expected from remote:      Application Ack Conditions:
Acknowledge Message:
  Format Controller---Priority:          Process time:
  Output Controller---Priority:          Process Time:
  
```

Must be active

Must be defined



```

Description:
Application Process:

Exit      Save      Next Page      Refresh

Enter a command or '^' followed by a caption to jump to a specific field.

COMMAND: E                                     Press <PF1>H for help      Insert
-----

Select Transaction Type:

```

Figure 5-1: Verifying transaction types

## 5.2 Verify Background Processes

Check Background Process Control:

- IP address and the Port numbers are correctly entered for the PACS Broker.
- “TRANSMIT” is part of the name for the Background Process Control, so that it will show up in the QSIZE option.
- The Destination field is populated, for this interface it should contain HL IHS JVN PACS as the destination.

```

TTE      Transaction Type Enter/Edit
DE       Destination Entry/Edit
BPE      Background Process Entry/Edit
RMD      Replicate message to destinations

Select File and Table Menu Option: BPE Background Process Entry/Edit

Select BACKGROUND PROCESS: HL IHS JVN PACS TRANSMITTER

*** Background Process Entry/Edit ***      Screen 1 of 3

Name: HL IHS JVN PACS TRANSMITTER
      Active: ACTIVE          Priority: 2
      Device:
      Routine: INHVTAPT
      Destination: HL IHS JVN PACS
Destination Determination Code:

      Client/Server: CLIENT          Connection Type: PERSISTANT
Server Ports:

Client Addresses:
      ← This should be set to the IP address of the PACS Broker.

Exit      Save      Next Page      Refresh

Enter a command or '^' followed by a caption to jump to a specific field.

COMMAND: N                                     Press <PF1>H for help      Insert
-----

```

```

*** Background Process Entry/Edit ***      Screen 2 of 3
----- Parameters -----
      Open Hang:           Open Retries:
      Disconnect Hang: 5   Disc. Retries:100
      Transmitter Hang:
      Send Hang Time: 3     Send Retries: 2     Send Timeout:
      Read Hang Time: 3     Read Retries: 2     Read Timeout: 60
      End of Line:
      Client Init String: 28      Send Maximum:
      Init Response:

      Start Of Message:           End of Message:

----- Interactive Process Parameters -----
Maximum Number of Jobs:           Suppress Startup:
      Security Key Frame:

Exit      Save      Next Page      Refresh
Enter a command or '^' followed by a caption to jump to a specific field.
COMMAND: N                               Press <PF1>H for help      Insert

*** Background Process Entry/Edit ***      Screen 3 of 3

Receiver SRMC:

Transmitter SRMC:

Exit      Save      Refresh
Enter a command or '^' followed by a caption to jump to a specific field.
COMMAND: E                               Press <PF1>H for help      Insert

```

Figure 5-2: Verifying background processes

## 5.3 Verify Interface Destination Definitions

The HL IHS JVN PACS Interface Destination Definition must be verified and all necessary parameters defined as below:

```

TTE      Transaction Type Enter/Edit
DE       Destination Entry/Edit
BPE      Background Process Entry/Edit
RMD      Replicate message to destinations
Select File and Table Menu Option: DE Destination Entry/Edit

Select INTERFACE DESTINATION: HL IHS JVN PACS

*** Interface Destination Definition, Screen 1 of 3 ***
      Name: HL IHS JVN PACS
Acceptance TT:
Accept Ack Conditions:
Priority: 1          Retry Rate: 1M          Max # of Attempts: 10
*** Enter a value for ONE of the following:
      Transaction Type:

```

```

Transceiver Routine: INHVSEQ
  Mail Recipient:
  Message Subject:
Device for Output:
Code to Edit Transactions:

Exit      Save      Next Page      Refresh
Enter a command or '^' followed by a caption to jump to a specific field.
COMMAND: N                                Press <PF1>H for help      Insert
-----
*** Interface Destination Definition, Screen 2 of 3 ***

Route ID:
Primary Destination:
Default Receiving Facility:
Delivery Queue: INLHDEST

Exit      Save      Next Page      Refresh
Enter a command or '^' followed by a caption to jump to a specific field.
COMMAND: N                                Press <PF1>H for help      Insert
-----
*** Interface Destination Definition, Screen 3 of 3 ***
----- Selective Routing Parameters -----
Receiver SRMC:

Transmitter SRMC:

Message Replication SRMC:

Format Controller SRMC:

Output Controller (Inbound) SRMC:

Output Controller (Outbound) SRMC:

GIS Override SRMC:

Exit      Save      Refresh
Enter a command or '^' followed by a caption to jump to a specific field.
COMMAND: E                                Press <PF1>H for help      Insert

```

Figure 5-3: Verifying interface destination definitions

## 5.4 Start Up Background Processes

Start up the necessary background processes:

- FORMAT CONTROLLER (may already be running)
- OUTPUT CONTROLLER (may already be running)
- HL IHS JVN PACS TRANSMITTER

### 5.4.1 Start the Format Controller

Start the Format Controller to format triggered HL7 messages to be transmitted by GIS.

```
Select OPTION NAME:  GIS INTERFACE MENU  INH MAIN MENU      GIS Interface Menu

TCM    Transaction Control Menu ...
FTM    File and Table Menu ...
EM      Error Menu ...
BPM    Background Process Control Menu ...
SM      Script Menu ...
SGM    Script Generator Menu ...
IHS     IHS User Menu ...

Select GIS Interface Menu Option:  BPM  Background Process Control Menu

IBP    Inquire to a Background Process
S1      Startup a Background Process
SA      Start all Background Processes
SH1     Shutdown a Process
SHA     Shutdown All Background Processes
VS      Verify Status of Background Processes
QSIz    Display Queue Size
TOP     Top Entries in Queues
BMON    Background Process Monitor

Select Background Process Control Menu Option:  S1  Startup a Background
Process
Select PROCESS to Start:  FORMAT CONTROLLER
. Started
```

Figure 5-4: Starting the Format Controller

### 5.4.2 Start the Output Controller

Start the Output Controller to queue triggered HL7 messages for outbound transmission by GIS.

```
Select OPTION NAME:  GIS INTERFACE MENU  INH MAIN MENU      GIS Interface Menu

TCM    Transaction Control Menu ...
FTM    File and Table Menu ...
EM      Error Menu ...
BPM    Background Process Control Menu ...
SM      Script Menu ...
SGM    Script Generator Menu ...
IHS     IHS User Menu ...

Select GIS Interface Menu Option:  BPM  Background Process Control Menu

IBP    Inquire to a Background Process
S1      Startup a Background Process
SA      Start all Background Processes
SH1     Shutdown a Process
```

```

SHA      Shutdown All Background Processes
VS       Verify Status of Background Processes
QSIz     Display Queue Size
TOP      Top Entries in Queues
BMON     Background Process Monitor

Select Background Process Control Menu Option: S1  Startup a Background
Process
Select PROCESS to Start:  OUTPUT CONTROLLER
. Started

```

*Figure 5-5: Starting the Output Controller*

### 5.4.3 Start the JVN PACS Transmitter

Start this transmitter after all other background processes have been activated and started.

```

Select OPTION NAME: GIS INTERFACE MENU  INH MAIN MENU      GIS Interface Menu

TCM      Transaction Control Menu ...
FTM      File and Table Menu ...
EM       Error Menu ...
BPM      Background Process Control Menu ...
SM       Script Menu ...
SGM      Script Generator Menu ...
IHS      IHS User Menu ...

Select GIS Interface Menu Option: BPM  Background Process Control Menu

IBP      Inquire to a Background Process
S1       Startup a Background Process
SA       Start all Background Processes
SH1      Shutdown a Process
SHA      Shutdown All Background Processes
VS       Verify Status of Background Processes
QSIz     Display Queue Size
TOP      Top Entries in Queues
BMON     Background Process Monitor

Select Background Process Control Menu Option: S1  Startup a Background
Process
Select PROCESS to Start:  HL IHS JVN PACS
. Started

```

*Figure 5-6: Starting the JVN PACS Transmitter*

## 5.5 Create Retinal Imaging-JVN Clinic

Each site will have to create a new clinic specifically for the JVN PACS Interface. This clinic will be used to transmit clinic information to the JVN system. It will also be used to loop through the IHS Scheduling Module in RPMS to collect and transmit

next day appointments to the JVN system. The pre-transmission function only applies to sites using the RPMS Scheduling package.

**Note:** This clinic may become a standard IHS clinic and clinic stop in the near future.

Select Option: **SD IHS MENU SUPERVISOR** Supervisor Menu (Scheduling)

Supervisor Menu (Scheduling)

(HEALTH CENTER)

```

AMB  Appointment Made By
LAC  List Appts Made By Clinic
OVV  Enter Overbook User
DSU  Display Scheduling User
-----
SET  Set up a Clinic
MON  Month-at-a-Glance Display
CHG  Change Patterns to 30-60
RMC  Remap Clinic
CRA  Cancel/Restore Clinic Availability
IRC  Inactivate/Reactivate Clinic
-----
AEH  Add/Edit a Holiday
EEL  Enter/Edit Letters
XS   Supervisor Tutorial

```

Select Supervisor Menu (Scheduling) Option: **SET** Set up a Clinic

SET UP A CLINIC

Use this option to create clinics, modify their parameters,  
and to change their appointment availability.

Enter all bold-faced entries exactly as shown below, all other questions may be entered as usual for a new clinic at your site

Select CLINIC NAME: **Retinal Imaging-JVN**

Are you adding 'Retinal Imaging-JVN' as  
a new HOSPITAL LOCATION? No// **Y** (Yes)

CLINIC: Retinal Imaging-JVN//

ABBREVIATION: **JVN**

CLINIC MEETS AT THIS FACILITY?: Y// **YES**

NON-COUNT CLINIC? (Y OR N): NO//

INCLUDE ON FILE ROOM LISTS?:

IHS CLINIC CODE: **OPTOMETRY** ←

TELEPHONE:

APPOINTMENT SLIP STATEMENT:

REQUIRE X-RAY FILMS?:

NO SHOW LETTER:

PRE-APPOINTMENT LETTER:

CLINIC CANCELLATION LETTER:

APPT. CANCELLATION LETTER:

ALLOWABLE CONSECUTIVE NO-SHOWS: 1

WAITING PERIOD FOR COUNTING UP NO-SHOWS:

Currently there is no standard IHS clinic stop for this JVN clinic, so use **OPTOMETRY** for the time being

```

MAX # DAYS FOR FUTURE BOOKING: 90
HOUR CLINIC DISPLAY BEGINS: 8
START TIME FOR AUTO REBOOK:
MAX # DAYS FOR AUTO-REBOOK: 7
SCHEDULE ON HOLIDAYS?:
PROHIBIT ACCESS TO CLINIC?:
PHYSICAL LOCATION:
PRINCIPAL CLINIC:
OVERBOOKS/DAY MAXIMUM: 1
Select SPECIAL INSTRUCTIONS:
LENGTH OF APP'T: 30
VARIABLE APP'NTMENT LENGTH:
DISPLAY INCREMENTS PER HOUR: 4// 15-MIN
PRINT HEALTH SUMMARY?:
PRINT MEDICATION PROFILE?:
PRINT ADDRESS/INSURANCE UPDATE?:
PRINT ENCOUNTER FORM?:

AVAILABILITY DATE: T (FEB 20, 2002)

                                WEDNESDAY

TIME: 0800-1200   NO. SLOTS: 1// 2

TIME: 1300-1500   NO. SLOTS: 1// 2

TIME:
[2 2 2 2|2 2 2 2|2 2 2 2|2 2 2 2]      [2 2 2 2|2 2 2 2]
...PATTERN OK FOR WEDNESDAYS INDEFINITELY? Y (Yes)
...HMMM, LET ME THINK ABOUT THAT A MOMENT...
PATTERN FILED!

```

*Figure 5-7: Creating the Retinal Imaging-JVN Clinic*

The default provider must also be setup for the Retinal Imaging-JVN clinic. This field cannot be entered during the normal setup of a clinic and must be entered in FileMan (Figure 5-8).

```

Select OPTION NAME: EVE                      Systems Manager Menu

      Core Applications ...
      Device Management ...
FM    VA FileMan ...
      Manage Mailman ...
      Menu Management ...
      Programmer Options ...
      Operations Management ...
      Spool Management ...
      System Security ...
      Task Manager ...
      Taskman Management ...
      User Management ...
      Application Utilities ...
      Capacity Management ...

Select Systems Manager Menu Option: FM  VA FileMan

      VA FileMan Version 21.0

```

```

Enter or Edit File Entries
Print File Entries
Search File Entries
Modify File Attributes
Inquire to File Entries
Utility Functions ...
Data Dictionary Utilities ...
Transfer Entries
Other Options ...

Select VA FileMan Option: Enter or Edit File Entries

INPUT TO WHAT FILE: HOSPITAL LOCATION
EDIT WHICH FIELD: ALL//<RET>

Select HOSPITAL LOCATION NAME: JVN Retinal Imaging-JVN
NAME: Retinal Imaging-JVN// <RET>
ABBREVIATION: JVN//<RET>
TYPE: CLINIC//<RET>
INSTITUTION: DULCE HEALTH CENTER//<RET>
DIVISION: DULCE HEALTH CENTER//<RET>
MODULE:
DEFAULT DEVICE:
DISPOSITION ACTION:
VISIT LOCATION:
STOP CODE NUMBER: OPTOMETRY//<RET>
SERVICE: NONE//
TREATING SPECIALTY: OPHTHALMOLOGY//<RET>
PHYSICAL LOCATION:
*OKC A:
*OKC B:
Select SYNONYM:
SPECIAL AMIS STOP:
CATEGORY OF VISIT:
DEFAULT PROVIDER: SMITH,JOHN

```

Enter the default provider for the clinic

Figure 5-8: Setting up the default provider

## 5.6 Attach the New BHL JVN Option to User's Menus

The installation of the RPMS/JVN PACS GIS Interface will add two new options to your system. One option will need to be attached to the users designated as the JVN Imagers. The other option will need to be scheduled in TaskMan to run as a nightly job, only if your site utilizes the SD IHS Scheduling package.

Attach the BHL JVN ENTER/SEND APPT INFO, shown in chart below, to the Imager's primary menus in RPMS.

Option Name	Menu Text	Description
BHL JVN ENTER/SEND APPT INFO	Enter/Send Appt Info to Joslin Vision Network	This option allows manual data entry of appointment information to be sent to the Joslin Vision Network via an O01 HL7 message.



BHL JVN NIGHT JOB	Night Job for Joslin Vision Network GIS Interface	This option should be scheduled to run on a nightly basis to transmit O01 HL7 messages to the Joslin Vision Network via GIS and Cloverleaf.
-------------------	---	---

## 5.7 Schedule BHL JVN NIGHT JOB In TaskMan

The installation of the RPMS/JVN PACS GIS Interface will add two new options to your system, one of which needs to be scheduled in TaskMan to run as a nightly job, but only if your site utilizes the SD IHS Scheduling package.

If your site uses the SD IHS Scheduling package and if you would like to transmit the Retinal Imaging-JVN clinic appointments to the JVN system in advance, you may schedule the BHL JVN NIGHT JOB in TaskMan.

The BHL JVN NIGHT JOB option will loop through the Scheduling File (#44) and screen for all appointments for the next day in the Retinal Imaging-JVN clinic. HL7 O01 messages will be generated for each future appointment found and transmitted to the JVN system.

```

Schedule/Unschedule Options
  One-time Option Queue
  Taskman Management Utilities ...
  List Tasks
  Dequeue Tasks
  Requeue Tasks
  Delete Tasks
  Print Options that are Scheduled to run
  Cleanup Task List
  Print Options Recommended for Queueing

Select Taskman Management Option: Schedule/Unschedule Options
Select OPTION to schedule or reschedule: BHL JVN NIGHT JOB           Night Job
for Joslin Vision Network GIS Interface
  Are you adding 'BHL JVN NIGHT JOB' as
    a new OPTION SCHEDULING (the 21ST)? No// Y (Yes)
    Edit Option Schedule
  Option Name: BHL JVN NIGHT JOB

  Menu Text: Night Job for Joslin Vision Netw           TASK ID:

  QUEUED TO RUN AT WHAT TIME: FEB 20,2002@24:00    <Enter date/time to start>
  DEVICE FOR QUEUED JOB OUTPUT:
  QUEUED TO RUN ON VOLUME SET:
    RESCHEDULING FREQUENCY: 1D    <Frequency should be a min of 1 day>
    TASK PARAMETERS:
    SPECIAL QUEUEING:

  _
Exit      Save      Next Page      Refresh

```

Figure 5-9: Scheduling BHL JVN NIGHT JOB

## 6.0 Post-Release Manual Revisions

One change has been made to this manual since it's original release:

1. (01/08/03) All references to *HL IHS 001 JVN PACS OUT CHILD* on page 15 were changed to *HL IHS JVN PACS 001 OUT CHILD*.

## 7.0 Contact Information

If you have any questions or comments regarding this distribution, please contact the ITSC Support Desk by:

**Phone:** (505) 248-4371 or  
(888) 830-7280

**Fax:** (505) 248-4199

**Web:** <http://www.rpms.ihs.gov/TechSupp.asp>

**Email:** [RPMSHelp@mail.ihs.gov](mailto:RPMSHelp@mail.ihs.gov)